

Anti-ULBP-3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Human)
Molecular Weight:	Theoretical: 25 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA
Recommended	ELISA=1:5000-10000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human ULBP3
Antigen Species:	Human
Gene ID:	79465
Uniprot ID:	Q9BZM4
Synonyms:	UL16-binding protein 3;NKG2D ligand 3 precursor;Retinoic acid early transcript 1N;NKG2D ligand 3;N2DL-3;UL16 binding protein 3;OTTHUMP00000017411;NKG2DL3;ALCAN-gamma;RAET1N;N2DL3
Biology Area:	NK Cells

Research Background

ULBP3 is a human ligand for the NKG2D receptor, together with at least ULBP1 and ULBP2. ULBPs activate multiple signaling pathways in primary NK cells, resulting in the production of cytokines and chemokines. Binding of ULBPs ligands to NKG2D induces calcium mobilization and activation of the JAK2, STAT5, ERK and PI3K kinase/Akt signal transduction pathway. ULBP3 has a lower affinity for NKG2D compared to ULBP1 and ULBP2 and induces weaker signaling responses than does ULBP2 or ULBP1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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